

In the claims:

1. (Cancelled)

2. (Currently Amended) A secure electronic message redirection system, comprising:

a messaging server coupled to a redirector component, wherein the redirector component is configured to sense a trigger event and in response to the trigger event to redirect electronic messages received and stored at the messaging server to a mobile data communication device, wherein the messaging server stores received electronic messages in a plurality of mailboxes, each mailbox being associated with a user of a mobile data communication device via a stored configuration file that links the mailbox to a device address of the mobile data communication device, the configuration file including encryption information specific to the mobile data communication device;

a first network coupled to the redirector component;

a wireless data network coupled to the mobile data communication device;

a wireless gateway coupled between the first network and the wireless data network for transmitting messages between the first network and the wireless network; and

a secure link formed between the redirector component and the mobile data communication device through the wireless gateway, the secure link formed using an encryption module operating in conjunction with the redirector component that encrypts the electronic messages prior to redirection to the mobile data communication device using the encryption information stored in the configuration file, and a decryption module operating at the mobile data

communication device that decrypts the electronic messages that are received from the redirector component, wherein the redirected messages remain encrypted while being transmitted over the first network, the wireless network, and through the wireless gateway.

3-43 (Cancelled)

44. (Previously Presented) The system of claim 2, further comprising a data compression module for compressing the electronic messages prior to redirecting the messages over the secure link through the wireless gateway, and wherein the mobile data communication device includes a corresponding decompression module for decompressing the compressed electronic messages, and wherein the electronic messages remain compressed and encrypted during redirection over the wired network, through the wireless gateway and over the wireless network.

45. (Currently Amended) The system of claim 2, further comprising:

a plurality of personal computers for generating electronic messages, wherein the plurality of personal computers are coupled to the messaging server via a wired network, and wherein the messaging server ~~includes one or more~~ associates the plurality of mailboxes for each user of with the plurality of personal computers, ~~the one or more mailboxes being associated with a mobile data communication device and being used to store messages transmitted between the plurality of personal computers.~~

46. (Previously Presented) The system of claim 45, wherein the wired network coupling the plurality of personal computers to the messaging server is a local area network.

47. (Previously Presented) The system of claim 45, wherein the trigger event is a signal generated at one of the plurality of personal computers and transmitted to the redirector component.

48. (Currently Amended) The system of claim 44, further comprising a packaging module for packaging the electronic messages into electronic envelopes prior to redirecting the messages over the secure link through the wireless gateway, wherein the mobile data communication device includes a corresponding unpackaging module for extracting the electronic messages from the electronic envelopes, and wherein the electronic messages remain packaged, compressed, and encrypted during redirection over the wired network, through the wireless gateway and over the wireless network.

49. (Previously Presented) The system of claim 48, wherein the electronic envelopes are e-mail messages addressed to the mobile data communication device and containing the electronic messages.

50. (Previously Presented) The system of claim 48, wherein the electronic envelopes are TCP/IP messages addressed to the mobile data communication device and containing the electronic messages.

51. (Cancelled)

52. (Previously Presented) The system of claim 2 ~~51~~, wherein the redirector component communicates with the messaging server through an application programming interface that provides signals to the redirector component when a change occurs to one of the mailboxes serviced by the messaging server.

53. (Cancelled)

54. (Previously Presented) The system of claim 2, wherein the redirector component is coupled to the messaging server via a network.

55. (Previously Presented) The system of claim 54, wherein the network is an intranet.

56. (New) The system of claim 2, wherein the redirector component is configured to operate on the messaging server.

57. (New) The system of claim 2, wherein the redirector component is configured to operate on a server distinct from the messaging server, and is further configured to communicate with the messaging server using an application programming interface.

58. (New) The system of claim 2, wherein the configuration file is stored at the messaging server.

59. (New) The system of claim 2, wherein the configuration file is stored at the server where the redirector component is operating.

60. (New) The system of claim 2, wherein the encryption information includes an encryption key.

61. (New) A redirector component for use in a secure electronic message redirection system including a messaging server that stores received electronic messages in a plurality of mailboxes, each mailbox being associated with a user of a mobile data communication device, a first network coupled to the redirector component, a wireless data network coupled to the mobile data communication device, and a wireless gateway coupled between the first network and the wireless data network for transmitting messages between the first network and the wireless data network, the redirector component sensing a triggering event and in response thereto redirecting messages received and stored at the messaging server to a mobile data communication device, the mobile data communication device including a decryption module that decrypts electronic messages received from the redirector component, the redirector component comprising:

stored configuration data for each mobile data communication device that links one of the plurality of mailboxes to a device address of the mobile data communication device, the configuration file including encryption information specific to the mobile data communication device; and

an encryption module for forming a secure link between the redirector component and the mobile data communication device through the wireless gateway, the encryption module encrypting the electronic messages prior to redirection to the mobile data communication device

using the encryption information stored in the configuration file, wherein the redirected messages remain encrypted while being transmitted over the first network, the wireless network, and through the wireless gateway.

62. (New) The redirector component of claim 61, wherein the encryption information includes an encryption key for each mobile data communication device.

63. (New) The redirector component of claim 61, further comprising:

a data compression module for compressing the electronic messages prior to redirecting the messages over the secure link through the wireless gateway.

64. (New) The redirector component of claim 63, wherein the mobile data communication device includes a corresponding decompression module for decompressing the compressed electronic messages.

65. (New) The redirector component of claim 61, further comprising means for configuring the redirector component to detect a plurality of triggering events that cause the redirection of received and stored messages to the mobile data communication devices, wherein a distinct triggering event can be assigned to each mobile data communication device.

66. (New) The redirector component of claim 65, wherein the distinct triggering events include internal events that occur at the redirector component, external events that occur external to the

redirector component, and network events that are transmitted over a network connection to the redirector component.

67. (New) The redirector component of claim 61, further comprising:

an application programming interface for communicating information between the messaging server and the redirector component when a change occurs to one of the plurality of mailboxes.

68. (New) The redirector component of claim 67, wherein the application programming interface includes a software registration component that provides advise synchronization signals between the messaging server and the redirector component.

69. (New) The redirector component of claim 61, further comprising a network interface for coupling the redirector component to the messaging server.

70. (New) A method of securely redirecting electronic messages from a messaging server to a plurality of mobile communication devices, comprising:

receiving and storing electronic messages at a plurality of mailboxes associated with the messaging server, each mailbox being further associated with a particular mobile communication device via a configuration file that links the mailbox to a device address of the mobile communication device, the configuration file including encryption information specific to the mobile communication device;

sensing a trigger event at a redirector component coupled to the messaging server and in response to the trigger event, redirecting electronic messages received and stored at the plurality of mailboxes to the mobile communication devices via a wired network coupling the redirector component to a wireless gateway, and a wireless data network coupling the wireless gateway to the mobile communication device;

establishing a secure link between the redirector component and the mobile communication device through the wireless gateway, the secure link established using an encryption module operating in conjunction with the redirector component that encrypts the electronic messages prior to redirection to the mobile data communication device using the encryption information provided in the configuration file, and a decryption module operating at the mobile data communication device that decrypts the electronic messages that are received from the redirector component, wherein the redirected messages remain encrypted while being transmitted over the wired network, the wireless network, and through the wireless gateway.

71. (New) The method of claim 70, further comprising:

compressing the electronic messages prior to redirecting the messages over the secure link through the wireless gateway.

72. (New) The method of claim 71, further comprising:

decompressing the compressed electronic messages, wherein the electronic messages remain compressed and encrypted during redirection over the wired network, through the wireless gateway and over the wireless network.

73. (New) The method of claim 70, further comprising:

packaging the electronic messages into electronic envelopes prior to redirecting the messages over the secure link through the wireless gateway.

74. (New) The method of claim 73, further comprising:

extracting the electronic messages from the electronic envelopes at the mobile communication device, wherein the electronic messages remain packaged, compressed, and encrypted during redirection over the wired network, through the wireless gateway and over the wireless network.

75. (New) The method of claim 70, wherein the electronic envelopes are e-mail messages addressed to the mobile communication device and containing the electronic messages.

76. (New) The method of claim 70, wherein the electronic envelopes are TCP/IP messages addressed to the mobile communication device and containing the electronic messages.

77. (New) The method of claim 70, wherein the redirector component communicates with the messaging server through an application programming interface that provides signals to the redirector component when a change occurs to one of the mailboxes serviced by the messaging server.

78. (New) The method of claim 70, wherein the redirector component is coupled to the messaging server via a network.

79. (New) The method of claim 78, wherein the network is an intranet.

80. (New) The method of claim 70, wherein the redirector component is configured to operate on the messaging server.

81. (New) The method of claim 70, wherein the redirector component is configured to operate on a server distinct from the messaging server, and is further configured to communicate with the messaging server using an application programming interface.

82. (New) The method of claim 70, wherein the configuration file is stored at the messaging server.

83. (New) The method of claim 81 wherein the configuration file is stored at the server where the redirector component is operating.

84. (New) The method of claim 70, wherein the encryption information includes an encryption key.